

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



PCT

(43) International Publication Date
24 August 2006 (24.08.2006)

(10) International Publication Number
WO 2006/088116 A1

(51) International Patent Classification:

H01R 13/52 (2006.01) *H01R 13/504* (2006.01)
H01R 13/506 (2006.01)

(21) International Application Number:

PCT/JP2006/302784

(22) International Filing Date:

10 February 2006 (10.02.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2005-043716 21 February 2005 (21.02.2005) JP

(71) Applicant (for all designated States except US): MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 571-8501 (JP).

(72) Inventor; and

(75) Inventor/Applicant (for US only): SUGIYAMA, Junichi.

(74) Agents: IWAHASHI, Fumio et al.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

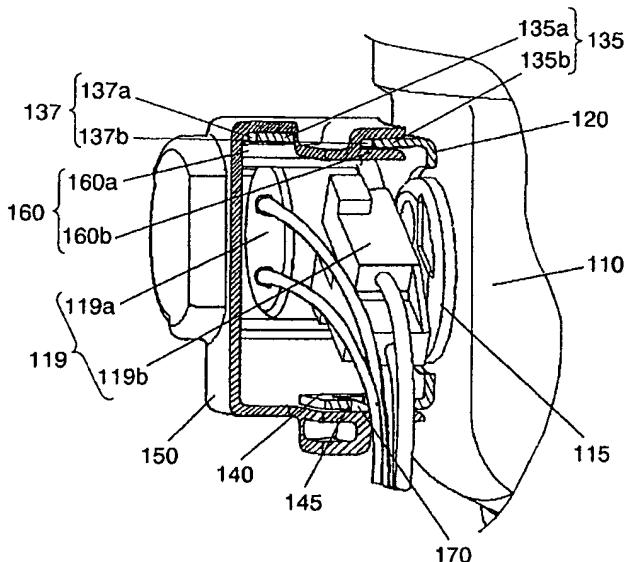
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: DEVICE FOR PROTECTING ELECTRIC COMPONENT



(57) Abstract: A device for protecting an electric component (119a, 119b) for a compressor is provided, where the device is equipped with a bracket (120) formed with an insert portion (130) and a locking part (140) having a locking hole (145), facing each other; and a cover (150) formed with a clamp (160) for clamping the distal end of the insert portion, and a ratchet (170) fastened to the locking hole, and where the insert portion is formed of a plurality of projections (135) with different length of projected portions in insert direction. This makeup enables only one ratchet to fix the cover securely to the bracket, as well as makes the cover to be resistant to fracture owing to a small distortion of the cover when detaching.

WO 2006/088116 A1



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.